

## WHAT IS CLAIMED IS:

1. A microscope slide for educational purposes comprising: a transparent material in a rectangular shape, at least a first and a second area defined on the microscope slide, wherein the first area carries a preparation and the second area is provided with a non-transparent layer, and a plurality of printed characters are carried on the non transparent layer.
2. The microscope slide as defined in claim 1 wherein the plurality of printed characters comprises readable information.
3. The microscope slide as defined in claim 1 wherein the plurality of printed characters comprises machine readable information .
4. The microscope slide as defined in claim 1 wherein the plurality of printed characters comprises readable and machine readable information.
5. The microscope slide as defined in claim 1 wherein the microscope slide has two distinct areas, wherein each of which is provided with a non-transparent coating.
6. The microscope slide as defined in claim 5 wherein the two distinct areas with the non-transparent layer are arranged in that both non-transparent coatings are arranged on opposite ends of the microscope slide.
7. The microscope slide as defined in claim 5 wherein one of the non-transparent coatings carries the plurality of printed characters in readable form and the other non-transparent layer carries a printed representation of the preparation on the microscope slide.
8. The microscope slide as defined in claim 5 wherein one of the non-transparent coatings carries the plurality of printed characters in machine readable form and the other non-transparent layer carries a printed representation of the preparation on the microscope slide.

9. The microscope slide as defined in claim 5 wherein one of the non-transparent coatings carries the plurality of printed characters in readable and machine form and the other non-transparent carries a printed representation of the preparation on the microscope slide.
10. The microscope slide as defined in claim 1 wherein the microscope slide has four rounded corners.
11. The microscope slide as defined in claim 1 wherein the microscope slide has a surrounding edge which has a rounded form.
12. The microscope slide as defined in claim 1 wherein the microscope slide has a surrounding edge which has a triangular form.
13. The microscope slide as defined in claim 1 wherein the microscope slide has a surrounding edge which has a trapezoidal form.
14. The microscope slide as defined in claim 1 wherein the least one non-transparent layer on the microscope slide is a gripping area for handling the microscope slide and thereby leaving no fingerprints on the area of the preparation.
15. A microscope slide for educational purposes comprising: a transparent material in a rectangular shape, at least a first, a second and a third area defined on the microscope slide, wherein the first area carries a preparation and the second and the third area are provided with a non-transparent coating, a plurality of printed characters are carried on the second non transparent layer and a printed representation of the preparation on the microscope slide is provided on the third non transparent coating.
16. The microscope slide as defined in claim 15 wherein the printed characters and the printed representation of the preparation are done in one color.

17. The microscope slide as defined in claim 15 wherein the one color is black.
18. The microscope slide as defined in claim 15 wherein the second and the third area are arranged the rectangular slide on opposite ends of the rectangular slide and the first area is arranged between them.
19. A microscope slide for educational purposes comprising: a transparent material in a rectangular shape, at least a first, a second and a third area defined on the microscope slide, wherein the first area carries a preparation, the second area is provided with a non-transparent layer wherein a plurality of printed characters are carried on the second non transparent coating, and the third area carries a sticker on which a printed representation of the preparation on the microscope slide is shown.
20. The microscope slide as defined in claim 19 wherein the printed representation of the preparation is printed in colour on the sticker.
21. The microscope slide as defined in claim 19 wherein the sticker is printed separately and is attached after the printing process to the microscope slide.
22. The microscope slide as defined in claim 19 wherein the second and the sticker are arranged on the rectangular slide on opposite ends of the rectangular slide and the first area is arranged between them.